U.S. Environmental Protection Agency
Science Advisory Board Executive Committee
Multimedia Multipathway Multireceptor Risk Assessment (3MRA)
Modeling System Panel
AGENDA
August 26-27, 2003
Marriott DC at Metro Center, 775 12th Street, NW, Washington, DC

Tuesday, August 26

9:00	Welcome and Opening Remarks	K. White
9:15	Purpose of the Meeting and Brief Introductions	T.Theis
	Agency Presentations	
9:30	Overview of Regulatory Problem	Barnes Johnson
9:50	Role of ORD in 3MRA Modeling System Development	
10:00	Overview of Technical Approach	
11:00	Break	
11:15	3MRA Assessment Methodology	
11:45	LUNCH	
12:45	Science-Based Modeling Approach	
1:15	3MRA Modeling System Technology	
2:00	3MRA Data Collection	
2:30	System Verification and QA	
3:15	Break	
3:30	Uncertainty & Sensitivity Analysis	
	Public Comment and Discussion	
4:20	Public Comment	
	1. On behalf of the HWIR Consortium, Nadine Weinberg, ARCADIS (10 min)	
	2. No other comments as of August 20	
4:40	Panel Discussion	
5:15	Chair's Summary and Assignments	
5:25	DFO's Wrap-up	
5:30	Adjourn	

Wednesday, August 27

9:00 Opening Remarks — K.White, DFO

9:10 Plans for the Day — T. Theis, Chair

Structured Discussion of Preliminary Responses to Charge Questions

9:15 Discussion of Question 1: Theis and Panel

Charge Question 1: While the EPA had the assessment methodology peer reviewed prior to the development of the 3MRA modeling system, does the SAB have any additional comments about the methodology as implemented?

10:15 BREAK

10:30 Discussion of Question 2: Murarka and Panel

Charge Question 2a: Does the 3MRA modeling system provide a tool for performing national risk assessments that facilitates consistent use of the science and provides a mechanism for reproducing results?

Charge Question 2b: Does the 3MRA modeling system provide decision-makers sufficient flexibility for understanding the impacts on potential chemical exemption levels by allowing varying measures of protection based on the number of receptors and/or number of sites protected, types of human and ecological receptors, and distance?

Charge Question 2c: Does the 3MRA model system generate sufficiently reliable science-based information for supporting national based regulations for specific waste management programs?

11:30 Summary of Actions Resulting from Discussion of Questions 2 and 3

11:45 LUNCH

12:45 Discussion of Question 3: DePinto and Panel

Charge Question 3a: Is the software development and verification testing approach implemented for the 3MRA modeling system sufficient to ensure confidence that the modeling results reflect the modeling system design?

Charge Question 3b: EPA has implemented thorough evaluations using the available data resources and technologies, while also recognizing the real world limitations that apply to validating the 3MRA modeling system. Have we reasonably demonstrated through methodology design, peer review, quality control, sensitivity analyses, and model comparison, that the 3MRA modeling system will produce scientifically sound results of high utility for use in multi-media regulatory applications?

1:45 BREAK

2:00 Discussion of Question 4: Merrill and Panel

Charge Question 4: Is the documentation for the 3MRA modeling system adequately designed and prepared? Does the SAB have additional suggestions for improving the presentation of the comprehensive set of materials related to this modeling system?

3:00 Planning, Schedule and Assignments (and possible discussion of additional charge questions or comments beyond the charge) Dr. Theis and Panel

3:30 Chairman's Summary

3:55 DFO's Wrap-up

4:00 ADJOURN